



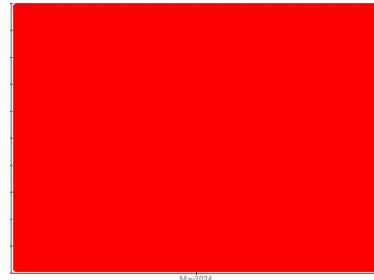
# PROBLEM SUMMARY

Sample Rating Trend

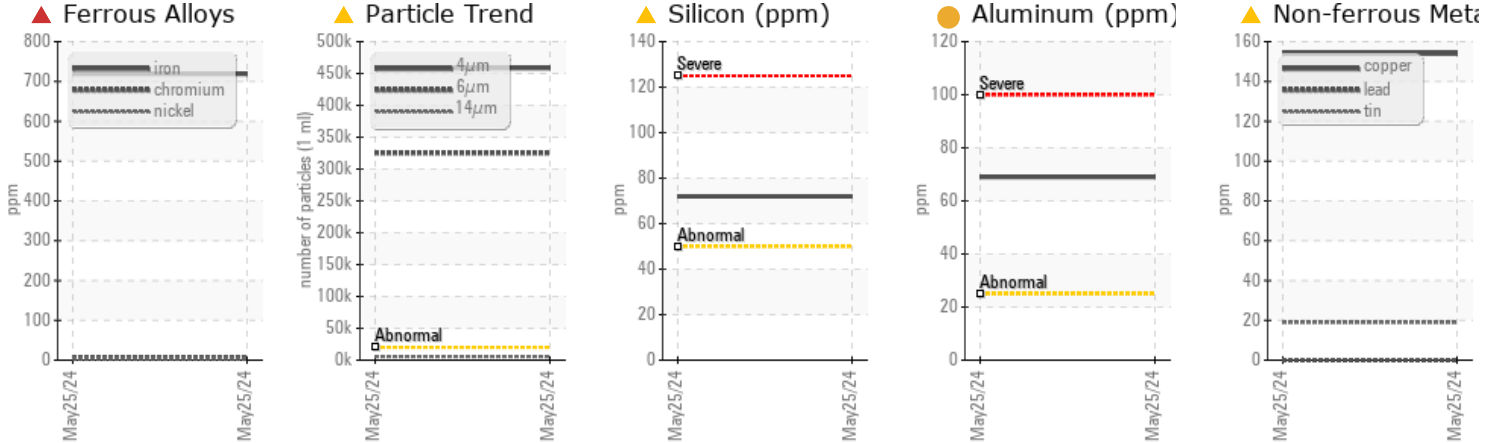
WEAR



Area  
 [24-00260761-000]  
 Machine Id  
**102-REX-FD-02 COOKIE LINE**  
 Component  
**Gearbox**  
 Fluid  
 {not provided} (--- GAL)



## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend you service the filters on this component if applicable. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

## PROBLEMATIC TEST RESULTS

Sample Status	SEVERE	---	---
Iron	▲ 719	---	---
Copper	▲ 154	---	---
Tin	▲ 19	---	---
Silicon	▲ 72	---	---
Particles >4µm	▲ 458519	---	---
Particles >6µm	▲ 325255	---	---
Particles >14µm	▲ 5463	---	---
Oil Cleanliness	▲ 26/26/20	---	---

Customer Id: COUBOW  
 Sample No.: USP243613  
 Lab Number: 06197644  
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 Doug Bogart +1 (800)237-1369 x4016  
[dougb@wearcheckusa.com](mailto:dougb@wearcheckusa.com)

To change component or sample information:  
 Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Inspect Wear Source	---	---	?	We advise that you inspect for the source(s) of wear.
Change Filter	---	---	?	We recommend you service the filters on this component if applicable.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Check Dirt Access	---	---	?	We advise that you check all areas where dirt can enter the system.

## HISTORICAL DIAGNOSIS



# OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Area

[24-00260761-000]

Machine Id

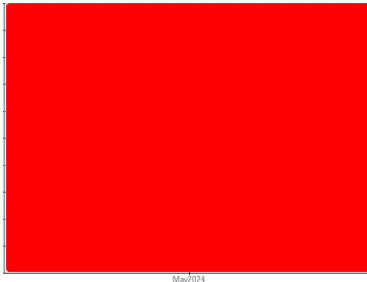
102-REX-FD-02 COOKIE LINE

Component

Gearbox

Fluid

{not provided} (--- GAL)



## DIAGNOSIS

### ▲ Recommendation

We advise that you check all areas where dirt can enter the system. We recommend you service the filters on this component if applicable. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

### ▲ Wear

Bearing and/or gear wear is indicated.

### ▲ Contamination

There is a high amount of particulates present in the oil. Elemental level of silicon (Si) above normal indicating ingress of dirt/seal material.

### Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			USP243613	---	---
Sample Date	Client Info			25 May 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				SEVERE	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	▲ 719	---	---
Chromium	ppm	ASTM D5185m	>15	6	---	---
Nickel	ppm	ASTM D5185m	>15	4	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	● 69	---	---
Lead	ppm	ASTM D5185m	>100	0	---	---
Copper	ppm	ASTM D5185m	>200	▲ 154	---	---
Tin	ppm	ASTM D5185m	>25	▲ 19	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Cadmium	ppm	ASTM D5185m		0	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		8	---	---
Magnesium	ppm	ASTM D5185m		2	---	---
Calcium	ppm	ASTM D5185m		114	---	---
Phosphorus	ppm	ASTM D5185m		646	---	---
Zinc	ppm	ASTM D5185m		18	---	---
Sulfur	ppm	ASTM D5185m		840	---	---

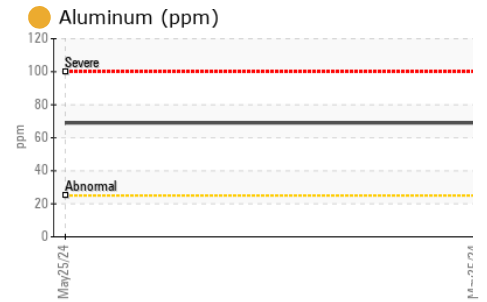
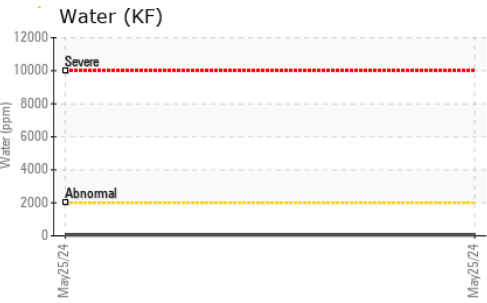
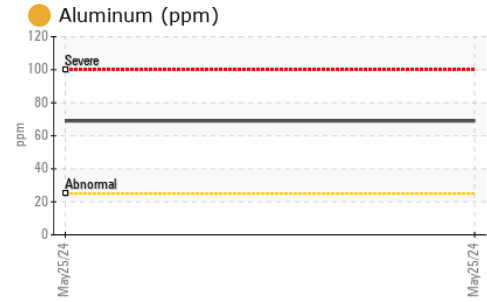
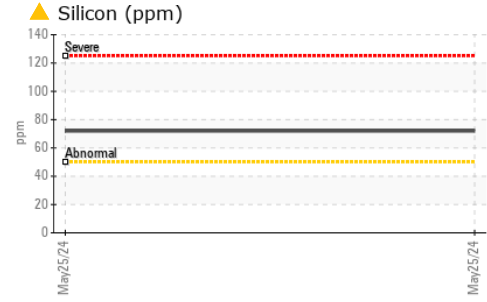
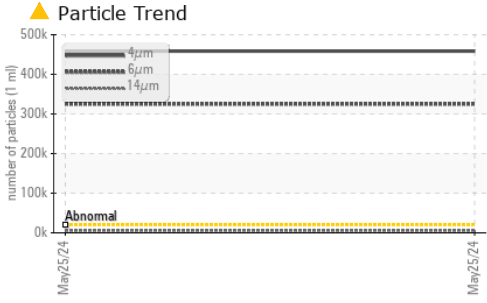
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	▲ 72	---	---
Sodium	ppm	ASTM D5185m		47	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water	%	ASTM D6304	>0.2	0.005	---	---
ppm Water	ppm	ASTM D6304	>2000	50	---	---

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	▲ 458519	---	---
Particles >6µm		ASTM D7647	>5000	▲ 325255	---	---
Particles >14µm		ASTM D7647	>640	▲ 5463	---	---
Particles >21µm		ASTM D7647	>160	139	---	---
Particles >38µm		ASTM D7647	>40	0	---	---
Particles >71µm		ASTM D7647	>10	0	---	---
Oil Cleanliness		ISO 4406 (c)	>21/19/16	▲ 26/26/20	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.39	---	---



# OIL ANALYSIS REPORT



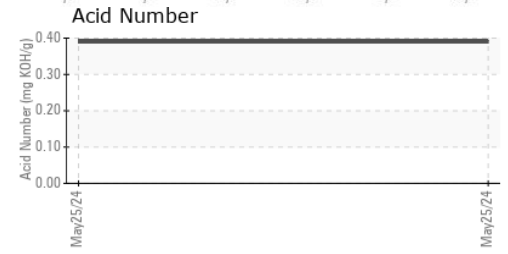
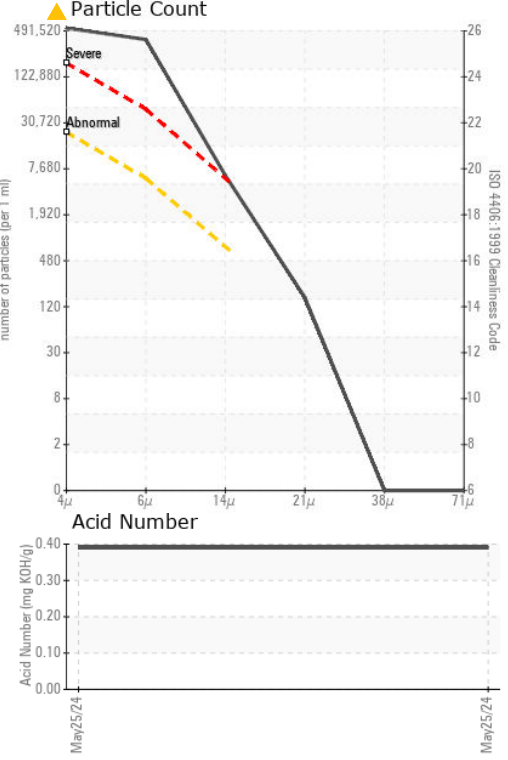
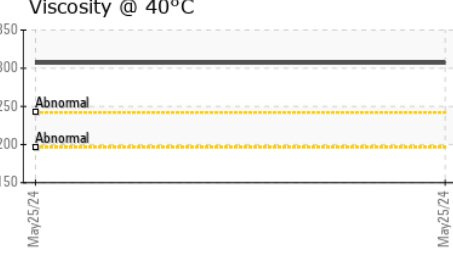
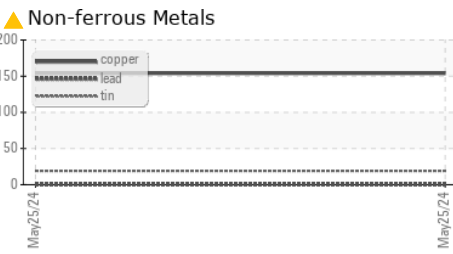
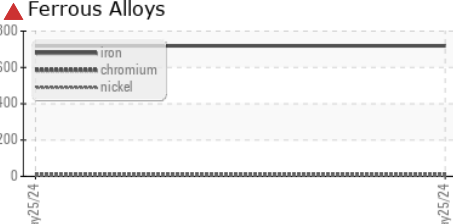
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	307	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image
Bottom		no image	no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : USP243613      **Received** : 03 Jun 2024  
**Lab Number** : 06197644      **Tested** : 04 Jun 2024  
**Unique Number** : 11059767      **Diagnosed** : 05 Jun 2024 - Doug Bogart  
**Test Package** : IND 2

**COUNTRY OVEN BAKERY - USP**  
 2840 PIONEER DR  
 BOWLING GREEN, KY  
 US 42101  
 Contact: TERRY COLLINS  
 terry.collins@kroger.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)      F: (270)793-5647